

# Environmental Protection Agency

§ 420.94

## SUBPART I

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kilograms per day	
Chromium .....	0.0819	0.0327
Nickel .....	0.0735	0.0245

The above limitations shall be applicable to each fume scrubber associated with a combination acid pickling operation.

[47 FR 23284, May 27, 1982; 47 FR 41739, Sept. 22, 1982, as amended at 49 FR 21031, May 17, 1984; 49 FR 24726, June 15, 1984]

## § 420.94 New source performance standards (NSPS).

The discharge of wastewater pollutants from any new source subject to this subpart shall not exceed the standards set forth below.

(a) *Sulfuric acid pickling (spent acid solutions and rinse waters)*—(1) *Rod, wire, and coil.*

## SUBPART I

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	kg/kg (pounds per 1,000 lb) of product	
TSS .....	0.0146	0.00626
O&G* .....	0.00626	0.00209
Lead .....	0.0000939	0.0000313
Zinc .....	0.000125	0.0000417
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

\*The limitations for oil and grease shall be applicable when acid pickling wastewaters are treated with cold rolling wastewaters.

<sup>1</sup> Within the range of 6.0 to 9.0.

(2) *Bar, billet, and bloom.*

## SUBPART I

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	kg/kg (pounds per 1,000 lb) of product	
TSS .....	0.00876	0.00376

## SUBPART I—Continued

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
O&G* .....	0.00376	0.00125
Lead .....	0.0000563	0.0000188
Zinc .....	0.0000751	0.0000250
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

\*The limitations for oil and grease shall be applicable when acid pickling wastewaters are treated with cold rolling wastewaters.

<sup>1</sup> Within the range of 6.0 to 9.0.

(3) *Strip, sheet, and plate.*

## SUBPART I

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
TSS .....	0.0117	0.00501
O&G <sup>1</sup> .....	0.00501	0.00167
Lead .....	0.0000751	0.0000250
Zinc .....	0.000100	0.0000334
pH .....	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup> The limitations for oil and grease shall be applicable when acid pickling wastewaters are treated with cold rolling wastewaters.

<sup>2</sup> Within the range of 6.0 to 9.0.

(4) *Pipe, tube and other products.*

## SUBPART I

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
TSS .....	0.0204	0.00876
O&G <sup>1</sup> .....	0.00876	0.00292
Lead .....	0.000131	0.0000438
Zinc .....	0.000175	0.0000584
pH .....	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup> The limitations for oil and grease shall be applicable when acid pickling wastewaters are treated with cold rolling wastewaters.

<sup>2</sup> Within the range of 6.0 to 9.0.

(5) *Fume scrubbers.*

## SUBPART I

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kilograms per day	
TSS .....	5.72	2.45
O&G <sup>1</sup> .....	2.45	0.819
Lead .....	0.0368	0.0123
Zinc .....	0.0491	0.0164
pH .....	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup>The limitations for oil and grease shall be applicable when acid pickling wastewaters are treated with cold rolling wastewaters.

<sup>2</sup>Within the range of 6.0 to 9.0.

The above limitations shall be applicable to each fume scrubber associated with a sulfuric acid pickling operation.

(b) *Hydrochloric acid pickling (spent acid solutions and rinse waters)*—(1) *Rod, wire, and coil.*

## SUBPART I

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
TSS .....	0.0175	0.00751
O&G <sup>1</sup> .....	0.00751	0.00250
Lead .....	0.000113	0.0000376
Zinc .....	0.000150	0.0000501
pH .....	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup>The limitations for oil and grease shall be applicable when acid pickling wastewaters are treated with cold rolling wastewaters.

<sup>2</sup>Within the range of 6.0 to 9.0.

(2) *Strip, sheet, and plate.*

## SUBPART I

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
TSS .....	0.0117	0.00501
O&G <sup>1</sup> .....	0.00501	0.00167
Lead .....	0.0000751	0.0000250
Zinc .....	0.000100	0.0000334
pH .....	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup>The limitations for oil and grease shall be applicable when acid pickling wastewaters are treated with cold rolling wastewaters.

<sup>1</sup>Within the range of 6.0 to 9.0.

(3) *Pipe, tube, and other products.*

## SUBPART I

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
TSS .....	0.0321	0.0138
O&G <sup>1</sup> .....	0.0138	0.00459
Lead .....	0.000206	0.0000688
Zinc .....	0.000275	0.0000918
pH .....	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup>The limitations for oil and grease shall be applicable when acid pickling wastewaters are treated with cold rolling wastewaters.

<sup>2</sup>Within the range of 6.0 to 9.0.

(4) *Fume scrubbers.*

## SUBPART I

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kilograms per day	
TSS .....	5.72	2.45
O&G <sup>1</sup> .....	2.45	0.819
Lead .....	0.0368	0.0123
Zinc .....	0.0491	0.0164
pH .....	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup>The limitations for oil and grease shall be applicable when acid pickling wastewaters are treated with cold rolling wastewaters.

<sup>2</sup>Within the range of 6.0 to 9.0.

The above limitations shall be applicable to each fume scrubber associated with a hydrochloric acid pickling operation.

(c) *Combination acid pickling (spent acid solutions and rinse waters)*—(1) *Rod, wire, and coil.*

## SUBPART I

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	kg/kg (pounds per 1,000 lb) of product	
TSS .....	0.0204	0.00876
O&G <sup>1</sup> .....	0.00876	0.00292
Chromium .....	0.000292	0.000117
Nickel .....	0.000263	0.0000876

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## SUBPART I—Continued

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
pH .....	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup>The limitations for oil and grease shall be applicable when acid pickling wastewaters are treated with cold rolling wastewaters.

<sup>2</sup>Within the range of 6.0 to 9.0.

(2) *Bar, billet, and bloom.*

## SUBPART I

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	kg/kg (pounds per 1,000 lb) of product	
TSS .....	0.0117	0.00501
O&G <sup>1</sup> .....	0.00501	0.00167
Chromium .....	0.000167	0.0000667
Nickel .....	0.000150	0.0000501
pH .....	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup>The limitations for oil and grease shall be applicable when acid pickling wastewaters are treated with cold rolling wastewaters.

<sup>2</sup>Within the range of 6.0 to 9.0.

(3) *Strip, sheet and plate—continuous.*

## SUBPART I

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (pounds per 1,000 lb) of product	
TSS .....	0.0496	0.0213
O&G <sup>1</sup> .....	0.0213	0.00710
Chromium .....	0.000710	0.000284
Nickel .....	0.000638	0.000213
pH .....	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup>The limitations for oil and grease shall be applicable when acid pickling wastewaters are treated with cold rolling wastewaters.

<sup>2</sup>Within the range of 6.0 to 9.0.

(4) *Strip, sheet, and plate—batch.*

## SUBPART I

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (pounds per 1,000 lb) of product	
TSS .....	0.0175	0.00751
O&G <sup>1</sup> .....	0.00751	0.00250
Chromium .....	0.000250	0.000100
Nickel .....	0.000225	0.0000751
pH .....	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup>The limitations for oil and grease shall be applicable when acid pickling wastewaters are treated with cold rolling wastewaters.

<sup>2</sup>Within the range of 6.0 to 9.0.

(5) *Pipe, tube, and other products.*

## SUBPART I

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (pounds per 1,000 lb) of product	
TSS .....	0.0292	0.0125
O&G <sup>1</sup> .....	0.0125	0.00418
Chromium .....	0.000418	0.000167
Nickel .....	0.000376	0.000125
pH .....	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup>The limitations for oil and grease shall be applicable when acid pickling wastewaters are treated with cold rolling wastewaters.

<sup>2</sup>Within the range of 6.0 to 9.0.

(6) *Fume scrubbers.*

## SUBPART I

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kilograms per day	
TSS .....	5.72	2.45
O&G <sup>1</sup> .....	2.45	0.819
Chromium .....	0.0819	0.0327
Nickel .....	0.0735	0.0245
pH .....	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup>The limitations for oil and grease shall be applicable when acid pickling wastewaters are treated with cold rolling wastewaters.

<sup>2</sup>Within the range of 6.0 to 9.0.

The above limitations shall be applicable to each fume scrubber associated

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with a combination acid pickling operation.

[47 FR 23284, May 27, 1982, as amended at 49 FR 21032, May 17, 1984]

**§ 420.95 Pretreatment standards for existing sources (PSES).**

Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart which introduces pollutants into a publicly owned treatment works must comply with 40 CFR part 403 and achieve the following pretreatment standards for existing sources.

(a) *Sulfuric acid (spent acid solutions and rinse waters)*—(1) *Rod, wire, and coil.*

SUBPART I		
Pollutant or pollutant property	Pretreatment standards for existing sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
Lead .....	0.000526	0.000175
Zinc .....	0.000701	0.000234

(2) *Bar, billet, and bloom.*

SUBPART I		
Pollutant or pollutant property	Pretreatment standards for existing sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
Lead .....	0.000169	0.0000563
Zinc .....	0.000225	0.0000751

(3) *Strip, sheet, and plate.*

SUBPART I		
Pollutant or pollutant property	Pretreatment standards for existing sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
Lead .....	0.000338	0.000113
Zinc .....	0.000451	0.000150

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(4) *Pipe, tube, and other products.*

SUBPART I		
Pollutant or pollutant property	Pretreatment standards for existing sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
Lead .....	0.000939	0.000313
Zinc .....	0.00125	0.000417

(5) *Fume scrubber.*

SUBPART I		
Pollutant or pollutant property	Pretreatment standards for existing sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kilograms per day	
Lead .....	0.0368	0.0123
Zinc .....	0.0491	0.0164

Note: The above limitations are applicable to each fume scrubber associated with sulfuric acid pickling operations.

(b) *Hydrochloric acid pickling (spent acid solutions and rinse waters)*—(1) *Rod, wire, and coil.*

SUBPART I		
Pollutant or pollutant property	Pretreatment standards for existing sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
Lead .....	0.000920	0.000307
Zinc .....	0.00123	0.000409

(2) *Strip, sheet, and plate.*

SUBPART I		
Pollutant or pollutant property	Pretreatment standards for existing sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
Lead .....	0.000526	0.000175